

AMENDMENT:

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter; and the assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Claim Listing:

1. (Currently amended). A method comprising:

moving a paper sheet a first distance towards ~~a scanning window~~;

scanning a portion of said paper sheet with a scanning head;

moving said scanning head a second distance in a first direction, wherein said second distance is smaller than said first distance;

scanning another portion of said paper sheet; and,

repeating said moving the paper sheet, said scanning, and said moving said scanning head to scan a plurality of portions of said paper sheet.

Claim 2. (Currently amended). The method of claim 1, and further comprising: repeating said scanning, said moving said scanning head, and said repeating, wherein said moving said scanning head movement of said scanning head further comprises alternates alternating between moving said scanning head in said first direction and moving said scanning head in a second direction, until said scanning head scans a plurality of portions of said paper sheet.

3. (Currently amended). The method of claim 1, and further comprising: repeating said scanning, said moving said scanning head, and said repeating, wherein said moving said scanning head further comprises moving said

scanning head in a second direction opposite to said first direction.

4. (Currently amended). The method of claim 1, wherein said method is moving said paper sheet carried out in a sheet feeder, and wherein said sheet feeder includes comprises rotating a pair a plurality of rollers rotatably coupled to a conveying guide for moving said sheet, wherein said pair of rollers are positioned on a conveying guide of a sheet feeder.

5. (Previously presented) The method of claim 4, wherein said sheet feeder includes a scanning window, and wherein a length of said scanning window is larger than or equal to said first distance.

6. (Previously presented) A method comprising:

moving a paper sheet a first distance over a scanning window;

scanning a portion of said paper sheet with a scanning head in an original initial position;

moving said scanning head a second distance, wherein the second distance is smaller than the first distance;

repeating said scanning and said moving said scanning head until said scanning head scans a plurality of portions of said paper sheet over said scanning window;

returning said scanning head to said original position; and,

repeating said moving said paper sheet, said scanning, said moving said scanning head, and said repeating until said paper sheet is substantially scanned.

7. (Previously presented). The method of claim 6, wherein said scanning head moves back and forth to scan said paper sheet.

8. (Previously presented). A method comprising:

moving a paper sheet a first distance at least partially onto a scanning window;

scanning a portion of said paper sheet with a scanning head;

moving said scanning head a second distance in a first direction, wherein said second distance is smaller than said first distance; and

repeating said scanning and said moving said second distance until said scanning head scans a plurality of the portions of said paper sheet on said scanning window.

9. (Currently amended) The method of claim 8, and further comprising: repeating said moving the paper sheet, said scanning, said moving said second distance, and said repeating, wherein said moving said scanning head further comprises scanning head alternates alternating between moving in said first direction and in a second direction, and wherein said second direction is opposite said first direction.

10. (Previously presented). The method of claim 8, wherein the scanning head moves in a scanning direction to scan said paper sheet.

11. (Previously presented) A system comprising:

a sheet feeder capable of moving a paper sheet a first distance over a scanning window;

a scanning head capable of scanning a portion of said paper sheet over said scanning window;

a stepping motor capable of moving said scanning head a second distance in a first direction,

wherein said second distance is smaller than said first distance;

wherein said scanning head is further capable of scanning a second portion of said paper sheet over said scanning window; and

wherein said sheet feeder is further capable of again moving said paper sheet said first distance over said scanning window.

12. (Previously presented). A system of claim 11, wherein said sheet feeder is further capable of moving said paper sheet further over said scanning window and said scanning head is further capable of scanning a third

portion of said paper sheet over said scanning window, and wherein said stepping motor is further capable of again moving said scanning head said second distance in said first direction.

13. (Previously presented) The system of claim 12, wherein said scanning head is further capable of moving back and forth in a scanning direction to scan said paper sheet.

14. (Previously presented). The system of claim 12, wherein said sheet feeder comprises a conveying guide, and a plurality of rollers arranged on said conveying guide, and wherein at least two of said plurality of rollers are in contact with each other, such that said paper sheet may be moved at least in part by rotating the at least two of said plurality of rollers.

15. (Previously presented) The system of claim 12, wherein a dimension of said scanning window is larger than or equal to said first distance.

16. (Previously presented) An apparatus comprising:

means for moving a paper sheet a first distance over a scanning window;

means for scanning a portion of said paper sheet over said scanning window;

means for moving said means for scanning a second distance in a first direction, wherein said second distance is smaller than said first distance;

said means for scanning further including a means for scanning a second portion of said paper sheet over said scanning window; and

said means for moving said paper sheet further including means for moving said paper sheet further over said scanning window.

17. (Currently amended). The apparatus of claim 16[[;]], wherein:

said means for scanning further including a means for scanning a third portion of said paper sheet over said scanning window; and

said means for moving said means for scanning further including means for again moving said means for scanning said second distance in said first direction.

18. (Currently amended) The apparatus of claim 16, and further comprising: means for moving said means for scanning back and forth in a scanning direction to scan said paper sheet.

19. (Previously presented) The apparatus of claim 16, wherein a dimension of said scanning window is larger than or equal to said first distance.

20. (Currently amended) A method comprising:

moving a paper sheet a first distance over a scanning window;

with a scanning head, scanning a portion of said paper sheet over said scanning window;

moving said scanning head a second distance in a first direction, wherein said second distance is smaller than said first distance;

scanning a second portion of said paper sheet over said scanning window; [[and]]

moving said paper sheet further over said scanning window; and

with said scanning head, scanning a third portion of said paper sheet over said scanning window.

21. (Previously presented). The method of claim 20, and further comprising:

moving said scanning head said second distance in said first direction again; and

scanning a fourth portion of said paper sheet.

22. (Currently amended) The method of claim 21, and further comprising: moving said scanning head back and

forth in a scanning direction to scan said paper sheet.

23. (Previously presented). The method of claim 21, wherein moving a paper sheet comprises rotating at least two of a plurality of rollers, wherein said plurality of rollers are at least in part coupled to a sheet feeder.

24. (Previously presented) The method of claim 21, wherein a dimension of said scanning window is larger than or equal to said first distance.